



FIG. 1

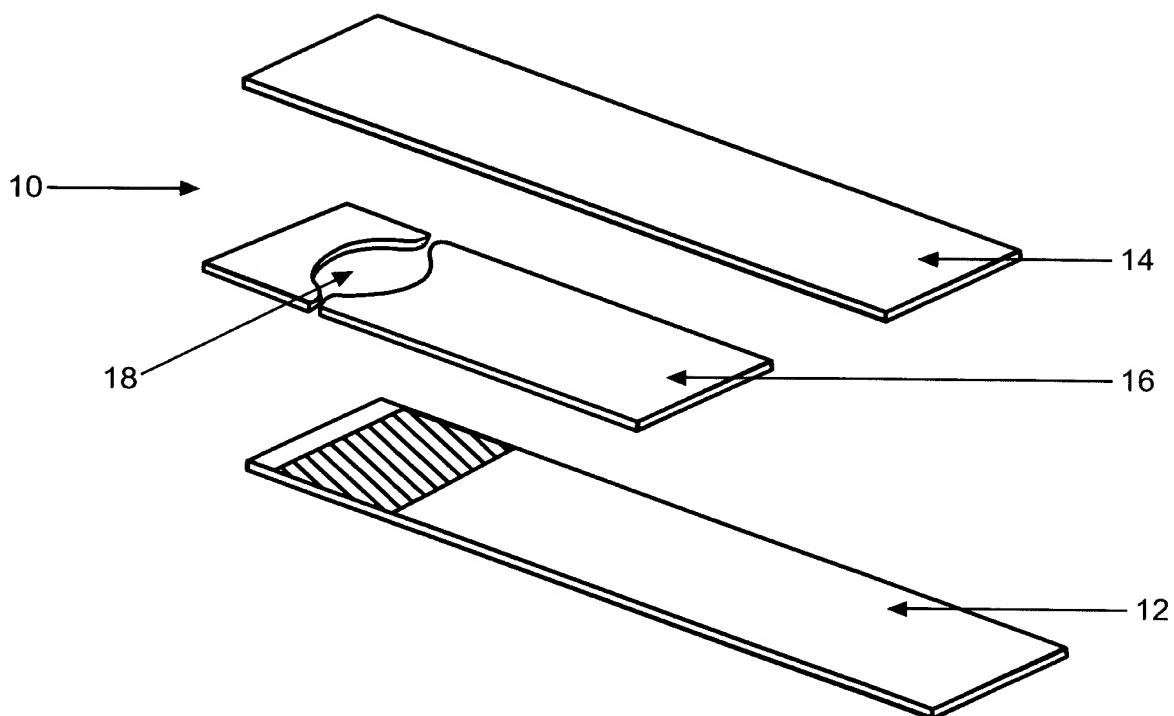
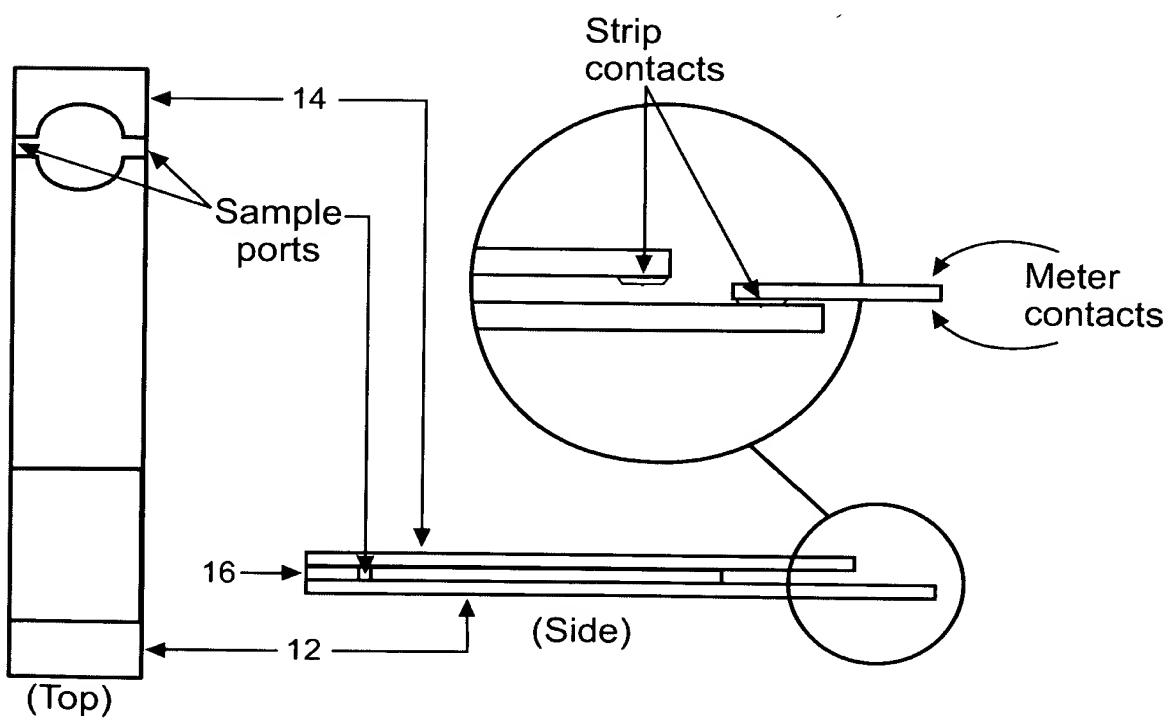


FIG. 2



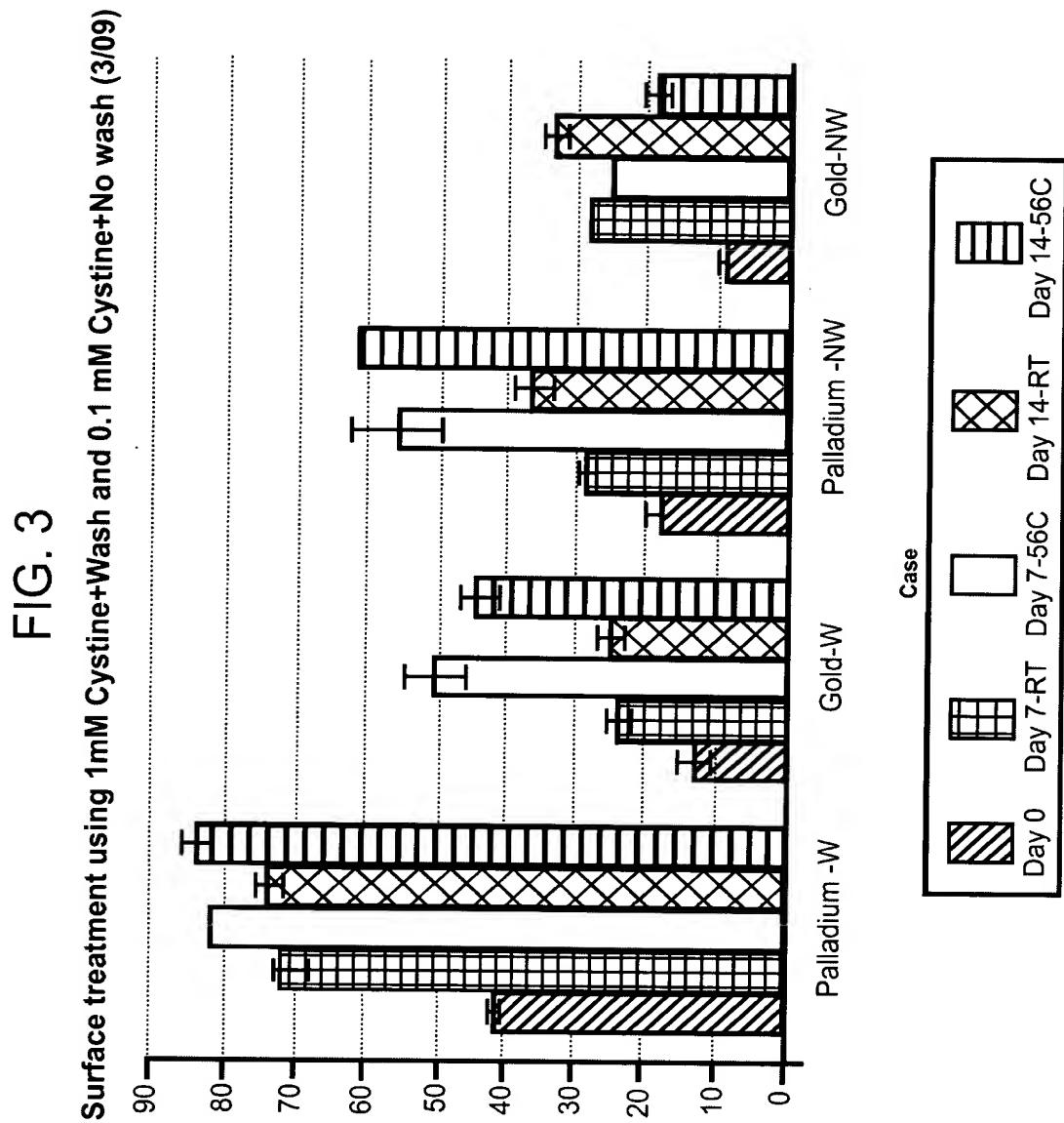
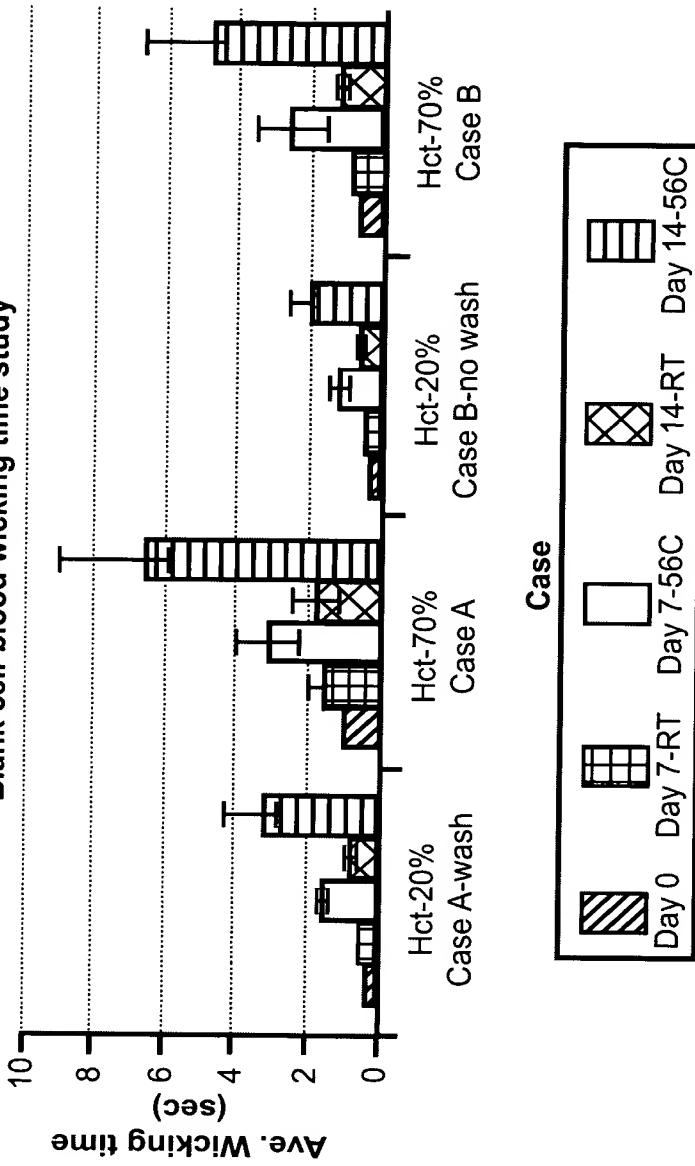




FIG. 4  
Surface treatment with 1 mM Cystine wash & 0.1 mM  
Cystine no wash on Palladium & Gold sensors,  
Blank cell-blood wicking time study

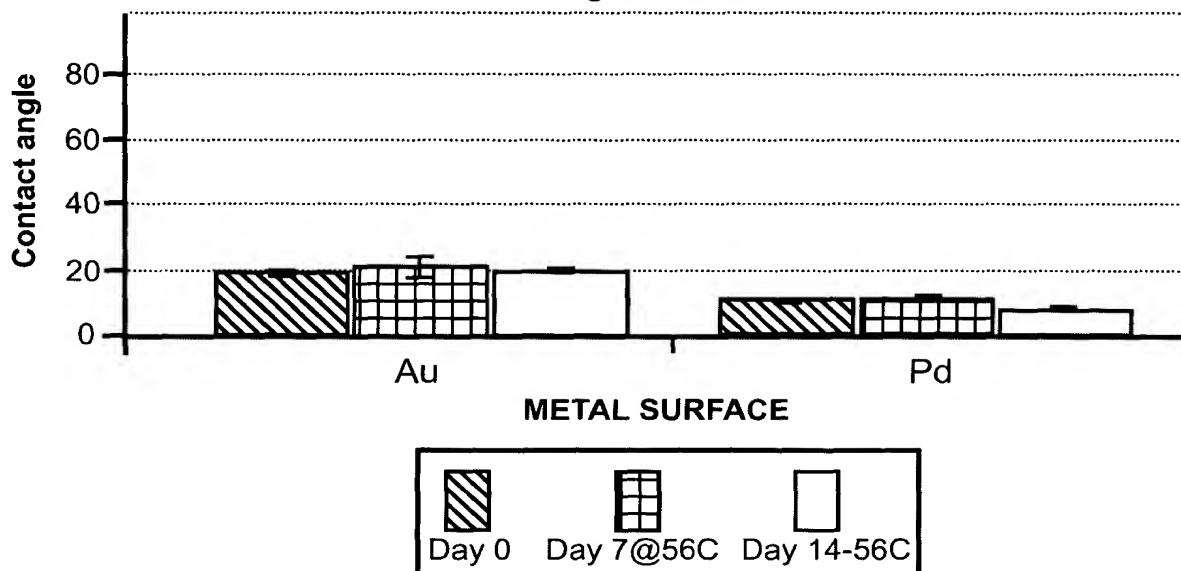




4 / 6

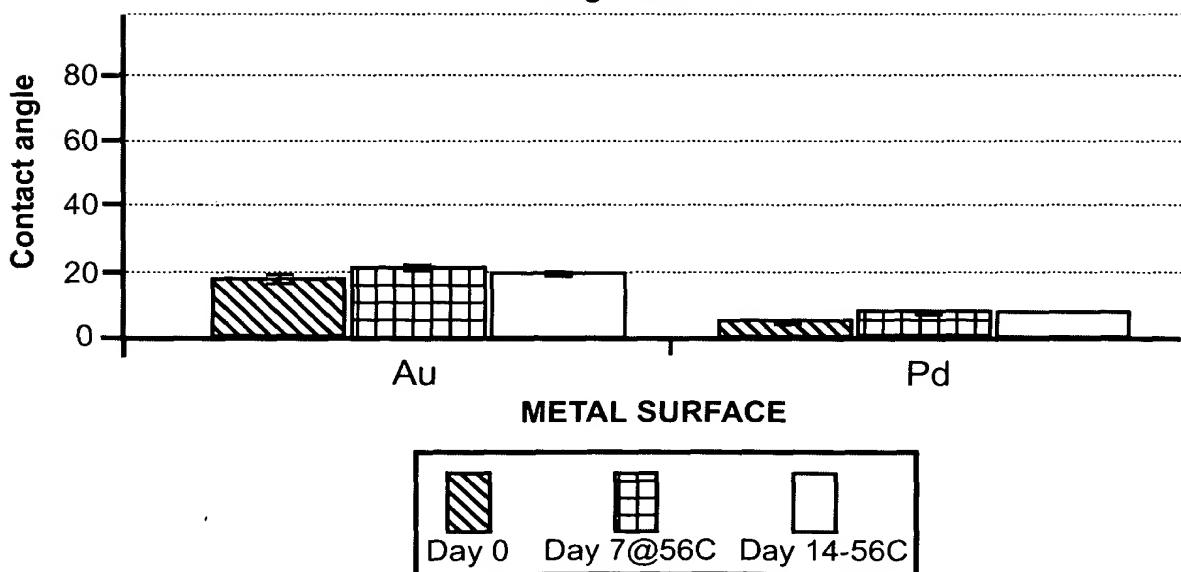
## FIG. 5A

Aldrich MESA (98%) 0.1% @ pH 5.40, Surface  
treated Gold and Palladium with tape (ARI),  
hang dried n=5



## FIG. 5B

Aldrich MESA (98%) 0.1% @ pH 11.5, Surface  
treated Gold and Palladium with tape (ARI),  
hang dried n=5





U.S. Patent Application Serial No. 09/497,269  
Title: ELECTROCHEMICAL TEST STRIP FOR  
USE IN ANALYTE DETERMINATION  
Bret E. Field (Reg. No. 37,620)  
(650) 833-7770

5 / 6

FIG. 6

Blank sensors, wicking time, Aldrich MESA  
(98%) 0.1% @ pH 5.40 & 11.5, Surface treated of Gold  
and Palladium, hang dried, blood hct 70%, n=20

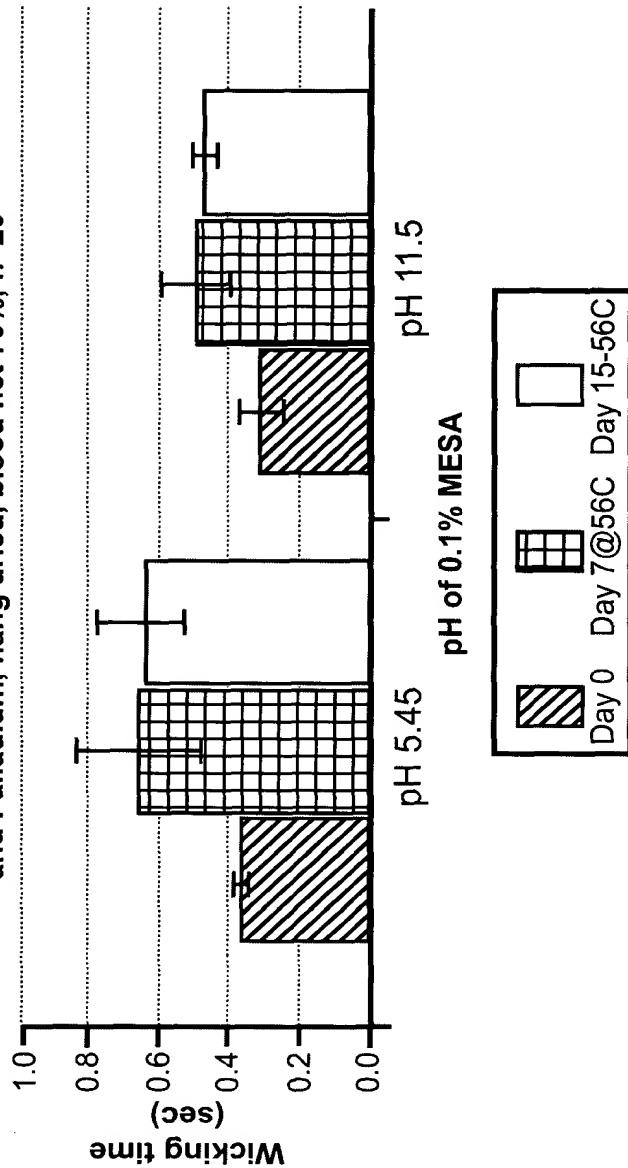




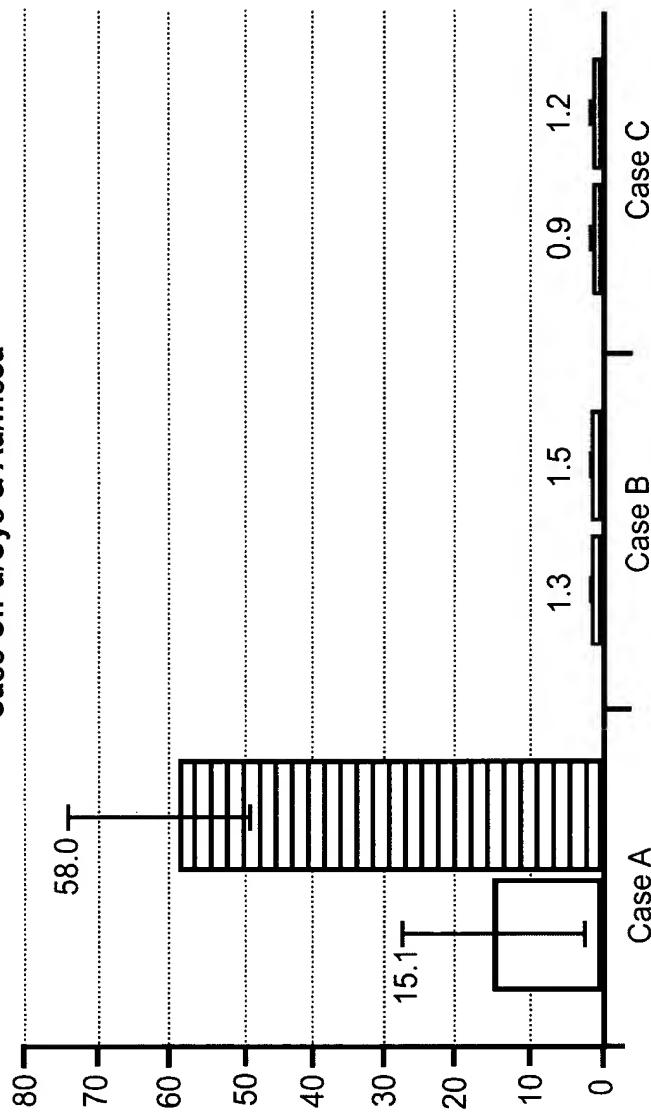
FIG. 7

Hand coated sensors 7/22, 0.1m Kpi pH 7, 170 mM FCN, GDH (8403A)  
6 units/electrode, Blood hct 70%, n=8

Case A:Pd/Cys & Au/Cys=tx-100,

Case B:Pd/mesa & Au/mesa,

Case C:Pd/Cys & Au/mesa



Cases (Surface treatment)

